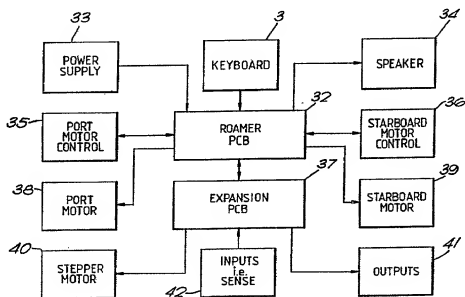




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification <sup>5</sup> : <b>G05B 19/42</b>		(11) International Publication Number: <b>WO 90/02983</b>
A1		(43) International Publication Date: 22 March 1990 (22.03.90)
<p>(21) International Application Number: PCT/GB89/01023</p> <p>(22) International Filing Date: 1 September 1989 (01.09.89)</p> <p>(30) Priority data: 8820780.8 2 September 1988 (02.09.88) GB</p> <p>(71) Applicant (for all designated States except US): VALIANT TECHNOLOGY LIMITED [GB/GB]; Gulf House, 370 Old York Road, Wandsworth, London SW18 1SP (GB).</p> <p>(72) Inventor; and (75) Inventor/Applicant (for US only) : CATLIN, David [GB/GB]; Valiant Technology Limited, Gulf House, 370 Old House Road, Wandsworth, London SW18 1SP (GB).</p> <p>(74) Agent: GILL JENNINGS &amp; EVERY; 53/64 Chancery Lane, London WC2A 1HN (GB).</p>		<p>(81) Designated States: AT (European patent), AU, BE (European patent), CH (European patent), DE (European patent), DK, FI, FR (European patent), GB (European patent), IT (European patent), JP, LU (European patent), NL (European patent), NO, SE (European patent), US.</p> <p><b>Published</b> With international search report.</p>

(54) Title: A PROGRAMMABLE ROBOT DEVICE



(57) Abstract

A programmable robot device (1) having a keyboard (3) on the upper surface of a housing (2). The robot device (1) having a store to store procedures entered via the keyboard (3) and to carry out instructions contained within the procedure, to repeat single commands or procedures a given number of times, to react to external stimuli with the addition of sensors and to drive auxiliary devices such as a light, speaker or stepper motor. The robot device being able to move across a surface on traction wheels (50) driven by motors (38, 39). The housing (2) of the robot device being changeable by overlaying shells or attaching features such as eyes (4, 5). The robot device (1) also being capable of receiving programs from an external computer through an on board connector (46).